Presentation Objectives

- Trends and conditions for locally-owned highways and bridges
- Municipal survey results
- Local revenue and expenditure
- Local needs
- TAC schedule to close
Existing Trends and Conditions

Total Public Road Length

<table>
<thead>
<tr>
<th>State</th>
<th>Linear Miles of Roadway</th>
</tr>
</thead>
<tbody>
<tr>
<td>Texas</td>
<td>300,000</td>
</tr>
<tr>
<td>California</td>
<td>250,000</td>
</tr>
<tr>
<td>Kansas</td>
<td>200,000</td>
</tr>
<tr>
<td>Illinois</td>
<td>150,000</td>
</tr>
<tr>
<td>Minnesota</td>
<td>100,000</td>
</tr>
<tr>
<td>Missouri</td>
<td>50,000</td>
</tr>
<tr>
<td>Ohio</td>
<td>0</td>
</tr>
<tr>
<td>Georgia</td>
<td>0</td>
</tr>
<tr>
<td>Pennsylvania</td>
<td>0</td>
</tr>
<tr>
<td>Michigan</td>
<td>0</td>
</tr>
</tbody>
</table>
Pennsylvania State Transportation Advisory Committee

**Linear Miles of Roadway**

- **PennDOT**: 39,838.75 mi
- **Other State Agencies**: 4,658.34 mi
- **PA Turnpike**: 556.02 mi
- **Toll Bridges**: 10.79 mi
- **Local Municipal**: 77,526.24 mi

**Non state-owned Linear Miles by Municipal Type**

- **1st Class Township**: 703, 1%
- **2nd Class Township**: 6,885, 10%
- **Town (Bloomsburg)**: 5,321, 7%
- **Borough**: 9,112, 13%
- **City**: 33, 0.01%
- **County (2009)**: 50,955, 70%
Municipalities by Miles of Municipally-owned Roadway

- < 5 miles: 51 (2%)
- 5 - 10 miles: 385 (15%)
- 10 - 25 miles: 458 (18%)
- 25 - 50 miles: 324 (13%)
- 50 - 100 miles: 598 (23%)
- 100+ miles: 385 (15%)

Highway Bridge Count (> 20 ft.)

- County (2,678)
- Town/Twp (2,787)
- City/Borough (774)
- Other Local Agencies (3)
- Private (29)
- Railroad (61)
Non-state-owned Linear Miles and Change in State/Non-state Mileage Indexed to 1995

Cumulative Turnback Roadway Mileage and Miles Added Annually
Travel Demand

Change in DVMT Indexed to 1995 (1995=1)

Millions of DVMT

Non-state Total DVMT
Non-state DVMT Change
State DVMT Change


Crashes, Fatalities, DVMT, & Mileage

Crashes

Fatalities

DVMT

Mileage

Crashes: LOCAL 29%, STATE 71%
Fatalities: LOCAL 19%, STATE 81%
DVMT: LOCAL 23%, STATE 77%
Mileage: LOCAL 66%, STATE 34%
Traffic Signal Locations

- 50% on Intersecting State/Local Roadways, 6,766
- 23% on Intersecting Local/Local Roadways, 3,180
- 27% on Intersecting State Roadways, 3,764

Municipal Survey Results
Survey Purpose/Methodology

- **Fill gaps**
  - Spending
  - Management of assets
  - Condition information
- **Survey Monkey**
- **April 2011**
- **Municipal association support**
Survey Findings: Avg. Spending

- 37 percent on Maintenance
- 27 percent on Capital Improvements
- 19 percent on Winter
- 10 percent on Equipment
- 6 percent on Operations

Survey Findings

- Most do not have asset management tools (76%)
- Most do not maintain a CIP (62%)
- Roads in “good” to “fair” condition
- Most pressing need is Highway Capital
- Bridges are a greater need among Counties
Local Revenue and Expenditures

Liquid Fuels Expenditures, 2009

- Major Equipment Purchase
- Minor Equipment Purchase
- Computer/Training
- Agility Projects
- Street Cleaning
- Winter Maintenance
- Traffic Control
- Street Lighting
- Storm Sewers
- Repairs of Tools/Machinery
- Maintenance
- Hwy Construction
- Miscellaneous
### Payments to Counties, FY 2009-10

<table>
<thead>
<tr>
<th>Act/Amenment</th>
<th>Amount ($000s)</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid Fuels Tax Act of 1931</td>
<td>$31,173</td>
<td>One-half cent per gallon is allocated to counties; distributed per historic use</td>
</tr>
<tr>
<td>Act 44 of 2007</td>
<td>$5,000</td>
<td>$5 million allocated to counties; distributed on relative square foot deck area of county-owned bridges</td>
</tr>
<tr>
<td>TOTAL</td>
<td>$36,173</td>
<td></td>
</tr>
</tbody>
</table>

### Total Payments to Local Government

- **Liquid Fuels to Municipalities**
- **Highway Turnback**
- **Highway Transfer Annual Maintenance Payment**
- **Payments to Counties**
- **Project Related Reimbursements**
- **Vehicle Code Fines**

![Graph showing total payments to local government from 1999 to 2009](chart.png)
# Local Highway and Bridge Needs

## Annual Highway and Bridge Needs (000s)

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
<th>Annual Needs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roadways</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Roadway Maintenance &amp; Repair</td>
<td>Addressing the quality of pavements on the local systems; perform routine maintenance activities on roadways, drainage, roadside, streetlights, sidewalks and bridges; maintaining adequate pavement markings and signing along highways</td>
<td>$3,129,178</td>
</tr>
<tr>
<td>Winter Maintenance</td>
<td>Requirements to clear roads of snow and ice</td>
<td>$297,920</td>
</tr>
<tr>
<td>Traffic Signals</td>
<td>Keeping traffic signals operating to adequately control traffic</td>
<td>$231,000</td>
</tr>
<tr>
<td>Bridges</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bridges &gt; 8'</td>
<td>Need on all local bridges over 8' in length</td>
<td>$177,407</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>$3,835,505</strong></td>
</tr>
</tbody>
</table>
Next Steps

• Minor adjustments to draft report
• Recommendations to be reviewed by TAC Task Force
• Full TAC Review on December 1